Please find below and/or attached an Office communication concerning this application or proceeding.

	Application No.	Applicant(s)
Office Action Summary	10/053,767	CHONG ET AL.
	Examiner	Art Unit	
	Mary J. Steelman	2122	

-- *The MAILING DATE of this communication appears on the cover sheet with the correspondence address* --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE *3* MONTH(S) FROM
THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed
  after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
  Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any
  earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *1/18/02, 4/29/02, 12/17/02, 1/15/04*.

2a)☐ This action is **FINAL**.   2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is
closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *4-23* is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *4-23* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☒ The drawing(s) filed on *18 December 2002* is/are: a)☐ accepted or b)☒ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☐ All   b)☐ Some * c)☐ None of:

      1.☐ Certified copies of the priority documents have been received.

      2.☐ Certified copies of the priority documents have been received in Application No. _____.

      3.☐ Copies of the certified copies of the priority documents have been received in this National Stage
application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)	4) ☐ Interview Summary (PTO-413)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)	Paper No(s)/Mail Date. _____ .
3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)	5) ☐ Notice of Informal Patent Application (PTO-152)
Paper No(s)/Mail Date _____ .	6) ☐ Other: _____ .

DETAILED ACTION

1.   Per Applicant's request, prior to the initial examination, claims 1-3 were canceled.
Claims 4 and 5 were amended. Claims 6-23 were added. Per Applicant's request the
Specification has been amended. Claims 4-23 are pending.

It should be noted that an amended Specification was received 12/17/2002, which
included original claims 1-5. Also received on the same day, claims 1-3 were canceled and
claims 4-5 amended. Examiner will consider canceled claims 1-3, amended claims 4-5, and
newly added claims 6-23 to reflect the current correct status of the application.

Oath/Declaration

2.   The oath or declaration is defective. A new oath or declaration in compliance with 37
CFR 1.67(a) identifying this application by application number and filing date is required. See
MPEP §§ 602.01 and 602.02.

The oath or declaration is defective because: The oath references 1.56(a). It does not
state that the person making the oath or declaration acknowledges the duty to disclose to the
Office all information known to the person to be material to patentability as defined in 37
CFR 1.56. In the oath, delete the '(a)'.

Drawings

3.   Figures 1-41 were received with the initial application. Per Applicant's request, marked
up copies were received 12/17/2002 for figures 13, 26, 29, 35 and 38. Examiner approves the
proposed amendments, except the following objections remain: Figure 26, #2502, add a '?'
Figure 29, #2605, "is target state is bookmarkble?" – delete the second 'is' Figure 38, add '?'
and 'no' at appropriate locations

4.   Additional minor objections to the drawings:

Brackets used in Figures 1 & 2 indicate content to be deleted. It is suggested that parentheses be

used in lieu of brackets. Figure 15, #1347, 'itinerary' is misspelled. Figure 29, the Yes / No

indicators are confusing. Figure 33, exit options from #2400 are confusing. Figure 34, Delete

'is' from #2200 and 2201. Add Yes / No indicators to clarify flow. Figure 40, #3501, change

'usning' to 'using'.

5.   Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to

the Office action to avoid abandonment of the application. Any amended replacement drawing

sheet should include all of the figures appearing on the immediate prior version of the sheet,

even if only one figure is being amended. Each drawing sheet submitted after the filing date of

an application must be labeled in the top margin as either **"Replacement Sheet" or "New Sheet"**

pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner, the applicant will

be notified and informed of any required corrective action in the next Office action. The

objection to the drawings will not be held in abeyance.

Claim Objections

6.   Claims 18 recites "…managing our of sequence…", should be –managing out of

sequence…-- Change 'our' to 'out.'

Claim 21 recites "The system of Claim 21…", should be –The system of claim 20-- For

examination purposes, Examiner will treat claim 21 as if it were dependent upon claim 20.

7.   Examiner objects to the claim status notation. See MPEP 1.121 (c) Manner of making

amendments in applications.   In the claim listing, **the status of every claim must be indicated**

after its claim number by using one of the following identifiers in a parenthetical expression:

(Original), (Currently amended), (Canceled), (Withdrawn), (Previously presented), (New), and

(Not entered).

Claim Rejections - 35 USC § 103

13-14, and 16 - 19

8.   Claims 4-10 and 13-19 are rejected under 35 U.S.C. 103(a) as being unpatentable over   X

US Patent 6,577,733 B1 to Charrin, in view of US Patent 6,546,425 B1 to Hanson et al.

Per claim 4:

A method for executing an application… having a plurality of subscribers, said method

comprising the steps of:

(Charrin: Col. 3, lines 7-8, "systems, methods and techniques for secure cashless gaming…",

col. 4, lines 60-61, "collectively provide for secure cashless gaming activity by an arbitrary

number of players (plurality of subscribers) on various gaming devices…", col. 5, lines 24-25,

"the gaming devices may be on-line machines ")

-identifying each subscriber with a unique identifier which is independent of a subscriber device

ruining said application;

(Charrin: Col. 6, lines 31-32, "includes a player identification code…", col. 18, line 20, "player

identifier field")

X

-presenting each subscriber with a personalized interface;

(Charrin: FIG. 10 "Display Message Here")

-journaling transactions and memory objects during interaction with a subscriber such that upon

the subscriber being disconnected during a session the subscriber is uniquely identified upon

reconnection to the application;

(Charrin: Col. 18, lines 14-22, "Gaming session record (journaling transactions)....may

include...a record identifier field, a session number field, a portable data device identifier field, a

transaction type field, a session identifier field...player identifier field (subscriber uniquely

identified)...")

Charrin suggested a 'resume' feature at col. 12, lines 24-26, "The SAM preferably is

programmed so that it needs to be re-enabled by the master card whenever the gamming device

is reset..." but failed to explicitly disclose: -presenting to the subscriber an option to continue

execution of the application from a previous point of execution prior to the subscriber being

disconnected.

However Hanson disclosed: Col. 37, lines 38-60, "...an employee...wants to resume working

from home. The employee can suspend the operating system...Once home, the employee can

resume the operating system and applications..." Charrin also failed to specifically disclose

"multi channel systems". However, Hanson disclosed: Col. 1, line 18, "methods and systems",

col. 2, lines 57-60, "maintains the state of each of any number of Mobile End Systems (MES)

and handles the complex session management required to maintain persistent connections to the

network and to peer application processes (multi channel systems), col. 4, line 63, "allows

multiple channels to be established...")

Therefore, it would have been obvious, to one of ordinary skill in the art, at the time of the

invention, to have modified Charrin's invention to specifically include details regarding

'multiple channels' and the ability to provide an 'option to continue execution of the application

from a previous point of execution prior to the subscriber being disconnected', as disclosed by

Hanson, because Charrin had already suggested such features (col. 1, lines 58-60), "various

gaming devices are all connected to and controlled by a central computer...", and these features

may enhance networked application portability for users (Charrin, col. 1, line 25, "increase the

convenience to customers").

Per claim 5:

-wherein said journaling comprises: storing threads of execution of a subscriber during execution

of an application; and recalling said stored threads of execution upon a subscriber reconnecting

to the application following the subscriber being disconnected.

(Charrin: Col. 9, lines 19-22, "various data concerning individual player gaming habits can be

collected and processed...to track individual play...", col. 16, lines 51-55, "When the player

leaves the gaming device, the new gaming credit amount will reside on the portable data device

(stored information is recalled upon reconnection)...")

Per claim 6:

-the threads of execution are stored within a session, which is associated with a unique identifier.

(Charrin: Col. 18, lines 14-22, "Gaming session record...may include...a record identifier field,

a session number field, a portable data device identifier field...a session identifier field...)

Per claim 7:

Charrin failed to explicitly disclose:

-the step of presenting to the subscriber an option to begin a new transaction.

However, Hanson disclosed: FIG. 4, #360 & #372 (create new association control block)

Therefore, it would have been obvious, to one of ordinary skill in the art, at the time of the

invention, to have modified Charrin's invention to specifically include details regarding

'presenting to the subscriber an option to begin a new transaction', as disclosed by Hanson

because Charrin had already suggested such features (col. 8, lines 55-58), "gaming session

memory...may be cleared, or , alternatively, the gaming session memory may be re-circulated

with new gaming session information..." These features enable reusable, networked

applications and devices, enhancing portability and convenience (col. 1, line 25) for the users.

Per claim 8:

Charrin disclosed that session information may be downloaded to a central computer, but failed

to disclose details related to the transmission of requests.

However Hanson provided more details related to:

-receiving subscriber requests;

-detecting subscriber requests that are out of sequence;

-providing appropriate responses to subscriber requests that are out of sequence.

Hanson: Col. 4, lines 3-7, "enables Mobile End Systems to communicate with Fixed End Systems using continuous session type data streams even though Mobile End Systems sometimes lose contact with their associated network interconnect...", col. 13, lines 31-33, "The Internet Mobility Protocol engine performs reliable datagram services, sequencing, fragmentation, and re-assembly of messages...", col. 14, lines 5-7, "Once the frame is received by the Mobility Management Server the Internet Mobility Protocol engine reconstructs the frame if fragmented..."

Therefore, it would have been obvious, to one of ordinary skill in the art, at the time of the invention, to have modified Charrin's invention to specifically include details regarding 'detecting subscriber requests that are out of sequence & 'providing appropriate responses to subscriber requests that are out of sequence', as disclosed by Hanson because Charrin had already suggested transmission features (col. 5, lines 45-49), "Techniques for manufacturing smart cards, and for communicating between a smart card and a smart card reader via either physical contacts or an RF communication link, are well known and conventional." These features enable reliable transmission of data over a network.

Per claim 9:

Charrin disclosed that session information may be downloaded to a central computer, but failed

to disclose details related to the transmission of requests.

However Hanson provided more details related to:

-detecting out of sequence subscriber requests includes:

-tracking the sequence number of each request by use of a counter variable.

Hanson: Col. 13, lines 31-33, "The Internet Mobility Protocol engine performs reliable datagram

services, sequencing, fragmentation, and re-assembly of messages...", col. 14, lines 5-7, "Once

the frame is received by the Mobility Management Server the Internet Mobility Protocol engine

reconstructs the frame if fragmented...", col. 21, line 42, "Sequence numbers are used to insure

ordered delivery of data..."

Therefore, it would have been obvious, to one of ordinary skill in the art, at the time of the

invention, to have modified Charrin's invention to specifically include details regarding

'detecting subscriber requests that are out of sequence & 'providing appropriate responses to

subscriber requests that are out of sequence', as disclosed by Hanson because Charrin had

already suggested transmission features (col. 5, lines 45-49), "Techniques for manufacturing

smart cards, and for communicating between a smart card and a smart card reader via either

physical contacts or an RF communication link, are well known and conventional." These

features enable reliable transmission of data over a network.

Per claim 10:

-presenting each subscriber with a personalized interface includes:

-detecting device types associated with subscriber devices;

(Charrin: Col. 11, lines 39-42, "the intelligent data device reader identifies the type of card

(detecting device types)....")

-presenting content to the subscribers that is optimized for the associated subscriber devices.

(Charrin: Col. 10, lines 9-13, "The intelligent data device reader may read a language field from

the portable data device in order to learn the preferred language of the player (optimized for the

associated subscriber devices)..."

Per claim 13:

A system for running multi-channel applications comprising:

-an application manager that is adapted to run multi-channel applications, to receive requests

from clients to access the applications, and to execute the applications in response to the

requests;

(Charrin: Col. 19, lines 33-47, "FIG. 11...gaming system using on-line gaming devices...a

network host communicates (receive requests) with the various on-line gaming devices over a

network communication bus...The data device reader accepts and reads portable data

devices...also stores gaming session data (stores data related to execution of applications)...")

-a presentation manager that is adapted to detect device types associated with client requests, and

to generate output to the clients that is formatted for the detected device types.

(Also see rejection of limitations in claim 10 above.)

Per claim 14:

Charrin disclosed (Col. 18, line 34), "...read parameters...load new parameters..." but failed to specifically disclose, "the presentation manager includes: a device detection subsystem that is adapted to detect device types based on parameters of client requests;

However, Hanson disclosed (Col. 13, lines 10-12, "marshals TDI call parameters...", col. 15, lines 61-65, "In response to the connect indication, the RPC engine calls the configuration manager with these parameters...uses these parameters to determine the exact configuration for the new connection..."

-a view executor that is adapted to generate content optimized for the detected device types. Charrin disclosed (col. 10, lines 9-13), a language field parameter whereby the device may optimally display in the language of choice.

Therefore, it would have been obvious, to one of ordinary skill in the art, at the time of the invention, to have modified Charrin's invention to specifically include details regarding "'the presentation manager includes: a device detection subsystem that is adapted to detect device types based on parameters of client requests, as disclosed by Hanson, because Charrin had already suggested the detection of a smart card (col. 11, line 40) used with gaming systems (on-line or off-line), to (col. 1, line 25) 'increase the convenience to customers', (col. 2, lines 62-63),

'provides increased security', and (col. 2, lines 64-65), "allows rapid and convenient

account...information to be gathered..." Therefore the detection of device types based on

parameters of client requests simplifies the communication procedures.

Per claim 16:

-at least one session data object, which is maintained by the system, and which is used by the

system to store client transactions during execution of an application,

(Charrin, col. 6, lines 39-48, "a portable data device...a smart card...comprises an identify file

which stores identification and other information (store client transactions) concerning the player

and issuing gamming establishment, a keys file containing the secret keys for performing

authentication checks, a transaction log file for storing data...and a session log file (session data

object)...")

-and to recall said client transactions upon a subscriber reconnecting to the application following

the subscriber being disconnected.

(See rejection of limitations as noted in claim 5 above.)

Per claim 17:

-means for managing out of sequence client requests.

(See rejection of limitations as noted in claim 8 above.)

Per claim 18:

-the means for managing out of sequence client requests is adapted to receive client requests,

detect client requests that are out of sequence, and provide appropriate responses to out of

sequence client requests.

(See rejection of limitations as noted in claim 8 above.)

Per claim 19:

Charrin failed to disclose specific details regarding: 'means for determining whether a client

request for a state in an application must be authorized.'

However, Hanson disclosed (Col. 28, lines 20-22), "...engine next tests whether the requisite

security context has been acquired (client request must be authorized)..." FIG. 10B, #615 (Has

connection been authenticated?), #617 (Did authentication succeed?))

Therefore, it would have been obvious, to one of ordinary skill in the art, at the time of the

invention, to have modified Charrin's invention to specifically include details regarding "means

for determining whether a client request for a state in an application must be authorized", as

disclosed by Hanson because Charrin had already suggested (col. 2, lines 62-67) the need for

"increased security" and a system that "allows rapid and convenient accounting for...devices,

and which allows information to be gathered concerning the ...habits..." Security of

information is a desirable feature when gathering personal information and managing funds over

a network connection.

9.   Claims 11-12 and 15 are rejected under 35 U.S.C. 103(a) as being unpatentable over US

Patent 6,577,733 B1 to Charrin, in view of US Patent 6,546,425 B1 to Hanson et al., and further

in view of US Patent 6,049,664 to Dale et al.

Per claim 11:

The Charrin and Hanson combination disclosed subscriber services (see limitations addressed in

claims 4-10), but failed to disclose:

-presenting content to the subscribers includes:

-translating application templates to specific markup languages associated with the device types;

-communicating the translated application templates to the subscriber devices.

However, Dale disclosed: Col. 4, line 56- col. 5, line 7, "Web developers can easily create Web

based applications...using a single application assembly mechanism (application

templates)...Web based applications are created from conventional HTML (markup languages)

pages in combination with certain executable 'components' and a program

infrastructure...components can be incorporated into HTML pages...", col. 5, lines 26-29, "The

client executes browser software and communicates over the Internet with a conventional Web

server...via a network connection using HTTP protocol (communicating to subscriber

devices)..."

Therefore, it would have been obvious, to one of ordinary skill in the art, at the time of the

invention, to have modified the Charrin / Hanson combination to specifically include details

regarding 'specific markup languages associated with the device types, communicating the translated application templates', as disclosed by Dale because the Charrin / Hanson combination had already suggested transmission features (Charrin: col. 5, lines 45-49), "Techniques for manufacturing smart cards, and for communicating between a smart card and a smart card reader via either physical contacts or an RF communication link, are well known and conventional." These features enable reliable transmission of data over a network. Charrin had disclosed a gaming system that provided sessions over a network. Hanson disclosed (Abstract, line 13) "complex session management". All references provide (Charrin: col. 1, line 25) 'an increase in convenience to customers', (Charrin: col. 2, lines 49-51), 'a level of accounting and feedback', and (Charrin: col. 2, lines 62-67), 'increased security...and rapid and convenient accounting of information gathered...'.   Mark up languages are commonly used in networked applications.

Per claim 12:

Charrin failed to provide specific details related to:

-the device types are selected from the group consisting of internet-enabled desktop systems, wireless cellular telephones, smart telephones, PDAs mobile computers, pagers, laptops, and voice phones.

However, Hanson disclosed : Col. 33, lines 43-46, "FIG. 1...different wireless transceivers 106a-106k...", col. 37, line 40, ", col. 38, lines 10-11, "...personal laptop computers and handheld data collection units and terminals...", col. 4, line 63, "allows multiple channels to be established..."

Therefore, it would have been obvious, to one of ordinary skill in the art, at the time of the

invention, to have modified Charrin's invention to specifically include details regarding

'internet-enabled desktop systems, wireless cellular telephones, smart telephones, PDAs mobile

computers, pagers, laptops, and voice phones', as disclosed by Hanson, because Charrin had

already suggested a smart card in communication with gaming systems (on-line or off-line), to

(col. 1, line 25) 'increase the convenience to customers', (col. 2, lines 62-63), 'provides

increased security', and (col. 2, lines 64-65), "allows rapid and convenient account...information

to be gathered..." Therefore small portable devices, such as those in the claimed limitations, are

useful in providing these benefits.

Per claim 15:

-the device types are selected from the group consisting of internet-enabled desktop systems,

wireless cellular telephones, smart telephones, PDAs, mobile computers, pagers, laptops, and

voice phones.

(See rejection of limitations as noted in claim 12 above.)

10.   Claims 20-23 are rejected under 35 U.S.C. 103(a) as being unpatentable over US Pre

Grant Pub 2003/0126584 A1 to Creamer et al., in view of US Patent 6,577,733 B1 to Charrin.

Per claim 20:

A system for developing, running and analyzing multi-channel applications comprising:

-a development module which is adapted to allow a developer to visually design a multichannel application;

Creamer disclosed [0013], "a visual tool which can be used to create service components for use in a service logic execution environment (SLEE) in an integrated network...by providing a visual tool through which service components can be created using drag-and-drop..."

Creamer failed to disclose specific details regarding:

-a runtime system which is adapted to operate the multi-channel application;

-a data mining module which is communicatively coupled to the runtime system and which is adapted to monitor client usage of the runtime system.

However, Charrin disclosed: Col. 3, lines 7-8, "systems, methods and techniques for secure cashless gaming...", col. 4, lines 60-61, "collectively provide for secure cashless gaming activity by an arbitrary number of players (plurality of subscribers) on various gaming devices...", col. 5, lines 24-25, "the gaming devices may be on-line machines " Charrin also disclosed, Col. 4, lines 62-64, "the ability to securely and accurately monitor the gaming activity (data mining module) at each of the gaming devices, and the ability if desired to track individual player gaming habits (monitor client usage of the runtime system)."

Therefore, it would have been obvious, to one of ordinary skill in the art, at the time of the invention, to have modified Creamer's invention to specifically include details regarding "a runtime system which is adapted to operate the multi-channel application" and "a data mining

module which is communicatively coupled to the runtime system and which is adapted to

monitor client usage of the runtime system", as disclosed by Charrin, because Creamer's

invention is related to [0002] "visual software development tools...for creating service

components for use in advanced intelligent networks". The suggestion exists for the execution

of a runtime system making use of the invention and an 'intelligent' network would benefit from

data mining details to improve the service components when [0006] 'networks are integrated to

offer subscribers an array of innovative multimedia, multiparty applications.'

Per claim 21:

-the data mining module is adapted to determine all paths traversed by clients within the

multi-channel application and to generate reports based on client usage of the runtime system.

(Charrin: Col. 15, lines 45-48, "receiving gaming device activity...result of gaming

transaction...or error conditions...(data mining)", col. 18, line 14-21, "Gaming session

record...may include...a record identifier field, a session number field...")

Therefore, it would have been obvious, to one of ordinary skill in the art, at the time of the

invention, to have modified Creamer's invention to specifically include details regarding "a

runtime system which is adapted to operate the multi-channel application" and "a data mining

module which is communicatively coupled to the runtime system and which is adapted to

monitor client usage of the runtime system", as disclosed by Charrin, because Creamer's

invention is related to [0002] "visual software development tools...for creating service

components for use in advanced intelligent networks". The suggestion exists for the execution

of a runtime system making use of the invention and an 'intelligent' network would benefit from

data mining details to improve the service components.

Per claim 22:

-the development module includes:

-a first module adapted to allow a developer to visually design workflow / design views /

integrate data sources…;

(Creamer: [0013], ""a visual tool (visually design workflow) which can be used to create service

components for use in a service logic execution environment (SLEE) in an integrated

network…by providing a visual tool through which service components can be created using

drag-and-drop…", [0014], "Each service building block can include at least one event

handler…visual tool can include a visual composition interface (design views) through which

visual representations…can be arranged to form the service component…", [0015], "generating a

plurality of utility classes for inclusion in a service building block…can include a database of

event handlers (integrate data sources)…")

Creamer failed to provide details related to "a multichannel application". However Charrin

disclosed (Abstract, lines 1-8) "A secure cashless gaming system comprises a plurality of gaming

devices…connected to a central host network…used to allow players to play the various gaming

devices… (multi channel application)".

Therefore, it would have been obvious, to one of ordinary skill in the art, at the time of the

invention, to have modified Creamer's invention to specifically include details regarding "a

multi-channel application" as disclosed by Charrin, because Creamer's invention is related to

[0002] "visual software development tools...for creating service components for use in advanced

intelligent networks". The suggestion exists for the networked application to be available for a

multiple channel application, available over a network to a plurality of clients, [0005], "allowing

service logic components to be developed more quickly and placed in specialized network

elements attached to databases." Also [0006], "new and evolving network architectures

...integrated to offer subscribers an array of innovative multimedia, multiparty applications..."

Per claim 23:

Creamer failed to disclose details related to:

-the runtime system includes:

-an application manager that is adapted to run multi-channel applications, to receive requests

from clients to access the applications, and to execute the applications in response to the

requests;

-a presentation manager that is adapted to detect device types associated with client requests, and

to generate output to the clients that is formatted for the detected device types.

However, Charrin disclosed 'running a multi-channel application' (col. 3, lines 7-28), "systems,

method and techniques for secure...gaming...used with off-line or on-line gaming

devices...gaming credits are stored on...smart cards...a plurality of gaming devices...connected

to a central host network...includes an intelligent data device reader...associated with a security

module...A portable data device...is used to allow players to play the various gaming devices

(receive requests from clients to access the applications)...it is authenticated before a gaming

session...monitors gaming transactions and...stores results..." Charrin disclosed 'detecting

device types' (Col. 11, lines 39-42), "the intelligent data device reader identifies the type of card

(detecting device types)...." And output formatted for the detected device types, (Col. 10, lines

9-13), "The intelligent data device reader may read a language field from the portable data

device in order to learn the preferred language of the player (optimized for the associated

subscriber devices)..."

Therefore, it would have been obvious, to one of ordinary skill in the art, at the time of the

invention, to have modified Creamer's invention to specifically include details regarding the

runtime system, as disclosed by Charrin, because Creamer's invention is related to [0002]

"visual software development tools...for creating service components for use in advanced

intelligent networks (for use in a run time system)". The suggestion exists for the networked

application to be available for a multiple channel application, available over a network to a

plurality of clients, [0005], "allowing service logic components to be developed more quickly

and placed in specialized network elements attached to databases." Also [0006], "new and

evolving network architectures ...integrated to offer subscribers an array of innovative

multimedia, multiparty applications (access & execute applications and generate formatted

outputs)..."

Conclusion

11.   The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mary Steelman, whose telephone number is (571) 272-3704. The examiner can normally be reached Monday through Thursday, from 7:00 AM to 5:30 PM   If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Tuan Q. Dam can be reached at (571) 272-3695. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Mary Steelman

03/03/2005

TUAN DAM
SUPERVISORY PATENT EXAMINER